

```
=> file ca  
  
=> s (podila, g?)/au  
L1 55 (PODILA, G?)/AU  
  
=> s (liu, j?)/au  
L2 19406 (LIU, J?)/AU  
  
=> s (karnosky, d?)/au  
L3 51 (KARNOSKY, D?)/AU  
  
=> s l1 and l2 and l3  
L4 1 L1 AND L2 AND L3  
  
=> file biosis  
  
=> s l4  
    79 (PODILA, G?)/AU  
    7793 (LIU, J?)/AU  
    89 (KARNOSKY, D?)/AU  
L5 0 L1 AND L2 AND L3
```

09/936, 869

CAIS

Biosis

24/03

10 refs ordered

```
L4 ANSWER 1 OF 1 CA COPYRIGHT 2004 ACS on STN  
TI Pinus radiata MADS box gene promoter and its use for reproductive  
tissue-specific gene expression and induction of sterility  
PY 2000  
2002  
2003
```

```
=> s ((pine or pinus) (10a) (mads or homeotic))/ab,bi  
L6 9 ((PINE OR PINUS) (10A) (MADS OR HOMEOTIC))/AB,BI
```

=> file biosis

```
=> s 16  
L7 7 ((PINE OR PINUS) (10A) (MADS OR HOMEOTIC))/AB,BI
```

```
=> dup rem  
L8 11 DUP REM L6 L7 (5 DUPLICATES REMOVED)
```

=> d 18 1-11 ti py

```
L8 ANSWER 1 OF 11 CA COPYRIGHT 2004 ACS on STN  
TI Antiquity and evolution of the MADS-box gene family controlling flower  
development in plants  
PY 2003
```

```
L8 ANSWER 2 OF 11 CA COPYRIGHT 2004 ACS on STN  
TI MADS-box genes in Ginkgo biloba and the evolution of the AGAMOUS family  
PY 2003
```

```
L8 ANSWER 3 OF 11 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI A ***MADS*** -box gene specifically expressed in the reproductive  
tissues of red ***pine*** ( ***Pinus*** resinosa) is a homologue to
```

PY floral ***homeotic*** genes with C-function in angiosperms.
2003

L8 ANSWER 4 OF 11 CA COPYRIGHT 2004 ACS on STN
TI ***Pinus*** radiata ***MADS*** box gene promoter and its use for
reproductive tissue-specific gene expression and induction of sterility
PY 2000
2002
2003

L8 ANSWER 5 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1
TI A DEF/GLO-like ***MADS*** -box gene from a gymnosperm: ***Pinus***
radiata contains an ortholog of angiosperm B class floral ***homeotic***
genes
PY 1999

L8 ANSWER 6 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2
TI Molecular control of early cone development in Pinus radiata
PY 1999

L8 ANSWER 7 OF 11 CA COPYRIGHT 2004 ACS on STN
TI Increasing the productivity of timber trees by preventing the development
of reproductive structures
PY 1998
1998

L8 ANSWER 8 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3
TI A large family of TM3 ***MADS*** -box cDNAs in ***Pinus*** radiata
includes two members with deletions of the conserved K domain
PY 1998

L8 ANSWER 9 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4
TI Family of MADS-box genes expressed early in male and female reproductive
structures of Monterey pine
PY 1998

L8 ANSWER 10 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 5
TI Structural characterization of ***Pinus*** radiata ***MADS*** -box
DNA sequences isolated by PCR cloning
PY 1997

L8 ANSWER 11 OF 11 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI Floral ***MADS*** -box genes in poplar, ***pine***, and
douglas-fir.
PY 1993

=> d 18 5-11

L8 ANSWER 5 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1 
AN 132:261224 CA
TI A DEF/GLO-like ***MADS*** -box gene from a gymnosperm: ***Pinus***
radiata contains an ortholog of angiosperm B class floral ***homeotic***
genes
AU Mouradov, Aidyan; Hamdorf, Britt; Teasdale, Robert D.; Kim, Jan T.;
Winter, Kai-Uwe; Theissen, Gunter
CS ForBio Research, Indooroopilly, 4069, Australia
SO Developmental Genetics (New York) (1999), 25(3), 245-252
CODEN: DGNTDW; ISSN: 0192-253X
PB Wiley-Liss, Inc.
DT Journal
LA English

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2
 AN 132:262697 CA
 TI Molecular control of early cone development in *Pinus radiata*
 AU Mouradov, A.; Glassick, T.; Hamdorf, B.; Teasdale, R. D.
 CS ForBio Research, Indooroopilly, QLD 4068, Australia
 SO Protoplasma (1999), 208(1-4), 3-12
 CODEN: PROTA5; ISSN: 0033-183X
 PB Springer-Verlag Wien
 DT Journal
 LA English

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 11 CA COPYRIGHT 2004 ACS on STN
 AN 128:280938 CA
 TI Increasing the productivity of timber trees by preventing the development
 of reproductive structures
 IN Teasdale, Robert Dixon
 PA F.B. Investments Pty. Ltd., Australia; Teasdale, Robert Dixon
 SO PCT Int. Appl., 96 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9813503	A1	19980402	WO 1997-AU625	19970923
	AU 9741929	A1	19980417	AU 1997-41929	19970923
PRAI	US 1996-717971		19960923		
	AU 1996-2756		19961004		
	AU 1997-5092		19970213		
	US 1997-804879		19970224		
	WO 1997-AU625		19970923		

flashed

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3
 AN 130:163791 CA
 TI A large family of TM3 ***MADS*** -box cDNAs in ****Pinus**** *radiata*
 includes two members with deletions of the conserved K domain
 AU Walden, Adrian R.; Wang, Daniel Y.; Walter, Christian; Gardner, Richard C.
 CS School of Biological Sciences, University of Auckland, Auckland, N. Z.
 SO Plant Science (Shannon, Ireland) (1998), 138(2), 167-176
 CODEN: PLSCE4; ISSN: 0168-9452
 PB Elsevier Science Ireland Ltd.
 DT Journal
 LA English
 RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4
 AN 129:65578 CA
 TI Family of MADS-box genes expressed early in male and female reproductive
 structures of Monterey pine
 AU Mouradov, Aidyn; Glassick, Tina V.; Hamdorf, Britt A.; Murphy, Lawrence
 C.; Marla, Soma S.; Yang, Yumin; Teasdale, Robert D.
 CS ForBio Research, Toowong, 4066, Australia
 SO Plant Physiology (1998), 117(1), 55-61
 CODEN: PLPHAY; ISSN: 0032-0889
 PB American Society of Plant Physiologists
 DT Journal

LA English
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 5
AN 128:266875 CA
TI Structural characterization of ****Pinus**** *radiata* ***MADS*** -box
AU DNA sequences isolated by PCR cloning
CS Wang, Daniel Yunqiu; Bradshaw, Rosie E.; Walter, Christian; Connell, Marie
B.; Fountain, David W.
SO Gene Expression Laboratory, Molecular and Cell Biology Section,
Bio-Resources Technology Division, Forestry and Forest Product Research
Institute, Tsukuba, 305, Japan
PB New Zealand Journal of Forestry Science (1997), 27(1), 3-10
DT CODEN: NZFSAP; ISSN: 0048-0134
LA New Zealand Forest Research Institute
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 11 OF 11 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1993:219555 BIOSIS
DN PREV199344104055
TI Floral ***MADS*** -box genes in poplar, ***pine*** , and douglas-fir.
AU Nyers, Lorraine S.; Doerkson, Allen H.; Krupkin, Alex B.; Strauss, Steven H.
CS Dep. For. Sci., Genet. Program, Oreg. State Univ., Corvallis, OR
97331-7501, USA
SO Journal of Cellular Biochemistry Supplement, (1993) Vol. 0, No. 17 PART B,
pp. 22.
Meeting Info.: Keystone Symposium on Evolution and Plant Development.
Taos, New Mexico, USA. January 26-February 1, 1993.
ISSN: 0733-1959.
DT Conference; (Meeting)
LA English
ED Entered STN: 3 May 1993
Last Updated on STN: 3 May 1993

=> file ca
=> s ((pinus or pine) and agamous)/ab,bi
L9 5 ((PINUS OR PINE) AND AGAMOUS)/AB,BI
=> s 19 not 16
L10 3 L9 NOT L6
=> file biosis
=> s 110
L11 7 ((PINE OR PINUS)(10A)(MADS OR HOMEOTIC))/AB,BI
0 L9 NOT L6
=> file ca
=> d 110 1-3 ti py
L10 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN
TI Regulated promoters of timber trees and their use in the expression of
foreign genes in the manipulation of timber properties
PY 2003

2002
2000
2003
2001
2002
2003

L10 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN
TI Use of ectopic expression of the AGL8 gene to control lignin biosynthesis
in transgenic plants
PY 2002
2002
2002
2002
2002
2003

L10 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN
TI Plant gene promoters for the modification of gene expression
PY 2001
2003
2003
2003
2003

=> s (agamous(10a) (antisense or anti(w)sense)) /ab,bi

L12 3 (AGAMOUS(10A) (ANTISENSE OR ANTI(W)SENSE)) /AB,BI

=> file biosis

=> s l12

L13 2 (AGAMOUS(10A) (ANTISENSE OR ANTI(W)SENSE)) /AB,BI

=> dup rem

L14 3 DUP REM L12 L13 (2 DUPLICATES REMOVED)

=> d l14 1-3 ti py

L14 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN
TI Liquidambar styraciflua AGAMOUS (lsag) gene
PY 2002

L14 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1
TI Ectopic hypermethylation of flower-specific genes in Arabidopsis
PY 2000

L14 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2
TI Isolation of the tomato AGAMOUS gene TAG1 and analysis of its homeotic
role in transgenic plants
PY 1994

=> d l14 3

L14 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2 have
AN 121:247828 CA
TI Isolation of the tomato AGAMOUS gene TAG1 and analysis of its homeotic
role in transgenic plants
AU Pnueli, Lilac; Hareven, Dana; Rounsley, Steven D.; Yanofsky, Martin F.;
Lifschitz, Eliezer
CS Dep. Biol., Technion-Israel Inst. Technol., Hafia, 32000, Israel

SO Plant Cell (1994), 6(2), 163-73
CODEN: PLCEEW; ISSN: 1040-4651
DT Journal
LA English

=> file ca

=> s ((pinus or pine) and (homeotic or mads))/ab,bi

L15 12 ((PINUS OR PINE) AND (HOMEOTIC OR MADS))/AB,BI

=> s l15 not 16

L16 3 L15 NOT L6

=> file biosis

=> s l16

L17 7 ((PINE OR PINUS) (10A) (MADS OR HOMEOTIC))/AB,BI

3 L15 NOT L6

=> dup rem

L18 4 DUP REM L16 L17 (2 DUPLICATES REMOVED)

=> d 118 1-4 ti py

L18 ANSWER 1 OF 4 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1

TI Characterization of a FLORICAULA/LEAFY homolog of *Gnetum parvifolium* and its implications for the evolution of reproductive organs in seed plants

PY 2001

L18 ANSWER 2 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Recombinant expression cassettes for transformation of plant or other eukaryotes and regulation of gene expression in eukaryotes

PY 1997

1997

1997

1998

1999

2000

1998

L18 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

TI Genetically engineering sterility in loblolly ***pine*** (**Pinus*** taeda).

PY 1997

L18 ANSWER 4 OF 4 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2

TI The search for flower ***homeotic*** gene homologs in basal angiosperms and gnetales: a potential new source of data on the evolutionary origin of flowers

PY 1997

=> d 118 ab 2 4

=> d 118 2-3

L18 ANSWER 2 OF 4 CA COPYRIGHT 2004 ACS on STN

AN 127:230348 CA

TI Recombinant expression cassettes for transformation of plant or other eukaryotes and regulation of gene expression in eukaryotes

IN Teasdale, Robert Dixon; Mouradov, Aidyn; Southerton, Simon George;

A Sawbridge, Timothy Ivor
A Forbio Research Pty. Ltd., Australia; Teasdale, Robert Dixon; Mouradov,
O Aidyn; Southerton, Simon George; Sawbridge, Timothy Ivor
O PCT Int. Appl., 87 pp.
T CODEN: PIXXD2

T Patent
A English

AN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
I	WO 9730162	A1	19970821	WO 1997-AU89	19970219
	CA 2259456	AA	19970821	CA 1997-2259456	19970219
	AU 9717132	A1	19970902	AU 1997-17132	19970219
	EP 882133	A1	19981209	EP 1997-904302	19970219
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			CN 1216066	19990505
	CN 1216066	A	19990505	CN 1997-193833	19970219
	JP 2000504577	T2	20000418	JP 1997-528833	19970219
	NO 9803775	A	19981015	NO 1998-3775	19980818
RAI	AU 1996-8161	A	19960219		
	WO 1997-AU89	W	19970219		

18 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

N 1997:381913 BIOSIS

N PREV199799681116

I Genetically engineering sterility in loblolly ***pine*** (

Pinus taeda).

U Perera, Ranjan; Grass, Jeffrey; Pullman, Gerald; Cairney, John [Reprint author]

S Inst. Paper Sci. Technol., Forest Biol. Group, 500 10th St., Atlanta, GA 30318, USA

O Plant Physiology (Rockville), (1997) Vol. 114, No. 3 SUPPL., pp. 297. Meeting Info.: PLANT BIOLOGY '97: 1997 Annual Meetings of the American Society of Plant Physiologists and the Canadian Society of Plant Physiologists, Japanese Society of Plant Physiologists and the Australian Society of Plant Physiologists. Vancouver, British Columbia, Canada.

August 2-6, 1997.

CODEN: PLPHAY. ISSN: 0032-0889.

T Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

Conference; (Meeting Poster)

A English

D Entered STN: 4 Sep 1997

Last Updated on STN: 4 Sep 1997

> file ca

> s (pinus(w)radiata and (homeotic or agamous))/ab,bi

L19 6 (PINUS(W) RADIATA AND (HOMEOTIC OR AGAMOUS)) /AB,BI

-> s l19 not 16

L20 3 L19 NOT L6

-> file biosis

-> s l20

L21 1 L19 NOT L6

-> dup rem

L22 3 DUP REM L20 L21 (1 DUPLICATE REMOVED)

> d 122 1-3 ti py

L22 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN
I Regulated promoters of timber trees and their use in the expression of
foreign genes in the manipulation of timber properties
Y 2003
2002
2000
2003
2001
2002
2003

L22 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN
I Plant gene promoters for the modification of gene expression
Y 2001
2003
2003
2003
2003

L22 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1
I Characterization of a FLORICAULA/LEAFY homolog of *Gnetum parvifolium* and
its implications for the evolution of reproductive organs in seed plants
Y 2001

=> file ca

=> s l1 or l2 or l3
L23 19503 L1 OR L2 OR L3

=> s l23 and (mads or homeotic or promoter?)/ab,bi
L24 337 L23 AND (MADS OR HOMEOTIC OR PROMOTER?)/AB,BI

=> s l23 and (mads or homeotic)/ab,bi
L25 7 L23 AND (MADS OR HOMEOTIC)/AB,BI

=> file biosis

=> s l25
L26 11 L23 AND (MADS OR HOMEOTIC)/AB,BI

=> dup rem
L27 13 DUP REM L25 L26 (5 DUPLICATES REMOVED)

=> d 127 1-13 ti py

L27 ANSWER 1 OF 13 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1
I Sequence-specific recruitment of transcriptional co-repressor Cabin1 by
myocyte enhancer factor-2
Y 2003

L27 ANSWER 2 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
I A ***MADS*** -box gene specifically expressed in the reproductive
tissues of red pine (*Pinus resinosa*) is a homologue to floral
homeotic genes with C-function in angiosperms.
Y 2003

7 ANSWER 3 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
MADS -box genes in dioecious aspen I: Characterization of PTM1
and PTM2 floral ***MADS*** -box genes.
2003

7 ANSWER 4 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
Characterization of PTM5 in aspen trees: A ***MADS*** -box gene
expressed during woody vascular development.
2003

7 ANSWER 5 OF 13 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2
HUA ENHANCER2, a putative DExH-box RNA helicase, maintains
homeotic B and C gene expression in Arabidopsis
2002

7 ANSWER 6 OF 13 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3
HEN1 functions pleiotropically in Arabidopsis development and acts in C
function in the flower
2002

7 ANSWER 7 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
Characterization and functional analysis of floral ***MADS*** -box
genes in aspen trees.
2001

7 ANSWER 8 OF 13 CA COPYRIGHT 2004 ACS on STN
Pinus radiata ***MADS*** box gene promoter and its use for
reproductive tissue-specific gene expression and induction of sterility
2000
2002
2003

27 ANSWER 9 OF 13 CA COPYRIGHT 2004 ACS on STN
Cloning and characterization of two cDNAs encoding rice ***MADS*** box
protein
2000

27 ANSWER 10 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
Functional analysis of PtAGL4: A ***MADS*** -box gene involved in
flowering time and branching pattern in aspen trees.
2000

27 ANSWER 11 OF 13 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4
Corneal epithelium-specific mouse keratin K12 promoter
1999

27 ANSWER 12 OF 13 CA COPYRIGHT 2004 ACS on STN DUPLICATE 5
A ***MADS*** box gene homologous to AG is expressed in seedlings as
well as in flowers of ginseng
1998

27 ANSWER 13 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
Isolation and characterization of reproductive tissue specific genes from
Populus tremuloides.
1998

> d 127 12-13 ab
> file ca
> s (arabidopsis (10a) (rnase? or ribonuclease?))/ab,bi

L28 33 (ARABIDOPSIS (10A) (RNASE? OR RIBONUCLEASE?)) /AB,BI
=> file biosis
=> s l28 20 (ARABIDOPSIS (10A) (RNASE? OR RIBONUCLEASE?)) /AB,BI
=> dup rem
L30 39 DUP REM L28 L29 (14 DUPLICATES REMOVED)
=> d l30 1-39 ti py

L30 ANSWER 1 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Protein and cDNA sequence of RNase D domain protein of rice and methods of
controlling gene expression and gene silencing
PY 2003

L30 ANSWER 2 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Constitutive promoters of Arabidopsis and their use in expression of
foreign genes in transgenic plants
PY 2003
2003
2003
2003

L30 ANSWER 3 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Constitutive promoters of Arabidopsis and their use in expression of
foreign genes in transgenic plants
PY 2003
2003

L30 ANSWER 4 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Plant dicistronic tRNA-snoRNA genes: A new mode of expression of the small
nucleolar RNAs processed by RNase Z
PY 2003

L30 ANSWER 5 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1
TI A gene encoding an RNase D exonuclease-like protein is required for
post-transcriptional silencing in Arabidopsis
PY 2003

L30 ANSWER 6 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Assigning a function to a conserved group of proteins: the tRNA
3'-processing enzymes
PY 2002

L30 ANSWER 7 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2
TI Local and systemic wound-induction of ***RNase*** and nuclease
activities in ***Arabidopsis*** : RNS1 as a marker for a JA-independent
systemic signaling pathway
PY 2002

L30 ANSWER 8 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Molecular cloning of cDNAs encoding ribonuclease-related proteins in
Nicotiana glutinosa leaves, as induced in response to wounding or to
TMV-infection
PY 2002

L30 ANSWER 9 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3
TI AhSL28, a senescence- and phosphate starvation-induced S-like RNase gene
in Antirrhinum
PY 2002

L30 ANSWER 10 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Regulation and function of ***Arabidopsis*** thaliana secreted
ribonucleases
PY 2001

L30 ANSWER 11 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI Molecular characterization of two Arabidopsis Irel homologs, endoplasmic
reticulum-located transmembrane protein kinases.
PY 2001

L30 ANSWER 12 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4
TI A senescence-associated S-like RNase in the multicellular green alga
Volvox carteri
PY 2001

L30 ANSWER 13 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI Effects of wounding on ***RNase*** induction in ***Arabidopsis***
thaliana: RNS1 defines a novel signaling pathway.
PY 2001

L30 ANSWER 14 OF 39 CA COPYRIGHT 2004 ACS on STN
TI SPL gene of Arabidopsis and method for control of meiocyte formation in
plants
PY 2000
2000
2000
2001
2001
2001

L30 ANSWER 15 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 5
TI The RNase PD2 gene of almond (*Prunus dulcis*) represents an evolutionarily
distinct class of S-like RNase genes
PY 2000

L30 ANSWER 16 OF 39 CA COPYRIGHT 2004 ACS on STN
TI The complete sequence of a heterochromatic island from a higher eukaryote
PY 2000

L30 ANSWER 17 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Conditional identification of phosphate-starvation-response mutants in
Arabidopsis thaliana
PY 2000

L30 ANSWER 18 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 6
TI Disruption of an RNA helicase/ ***RNase*** III gene in
Arabidopsis causes unregulated cell division in floral meristems
PY 1999

L30 ANSWER 19 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 7
TI Regulation of S-like ***ribonuclease*** levels in ***Arabidopsis***
. Antisense inhibition of RNS1 or RNS2 elevates anthocyanin accumulation
PY 1999

L30 ANSWER 20 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Control of ***ribonucleases*** in response to phosphate limitation:
induction of RNS1 in ***Arabidopsis***
PY 1999

L30 ANSWER 21 OF 39 CA COPYRIGHT 2004 ACS on STN
TI High-efficiency cloning of Arabidopsis full-length cDNA by biotinylated
CAP trapper
PY 1998

L30 ANSWER 22 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI Efficient in vitro transcription of plant nuclear tRNAser genes in a
nuclear extract from tobacco cultured cells.
PY 1997

L30 ANSWER 23 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Molecular characterization of the AP19 gene family in Arabidopsis
thaliana: components of the Golgi AP-1 clathrin assembly protein complex
PY 1997

L30 ANSWER 24 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Identification of three genetic loci controlling leaf senescence in
Arabidopsis thaliana
PY 1997

L30 ANSWER 25 OF 39 CA COPYRIGHT 2004 ACS on STN
TI The RNS family of S-like ***ribonucleases*** of ***Arabidopsis***
thaliana: structures, expression and functions (gene expression)
PY 1996

L30 ANSWER 26 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Identification and characterization of ***ribonucleases*** in
Arabidopsis thaliana
PY 1996

L30 ANSWER 27 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 8
TI The sink-specific and stress-regulated Arabidopsis STP4 gene: enhanced
expression of a gene encoding a monosaccharide transporter by wounding,
elicitors, and pathogen challenge
PY 1996

L30 ANSWER 28 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI An investigation of the role of the anther tapetum during microspore
development using genetic cell ablation.
PY 1995

L30 ANSWER 29 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI Expression of a ***ribonuclease*** in response to phosphate starvation
in ***Arabidopsis*** thaliana.
PY 1995

L30 ANSWER 30 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Controlling plant pathogenic fungi and nematodes with ribonucleases
PY 1994
1995
1994

L30 ANSWER 31 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 9
TI Porphobilinogen deaminase is encoded by a single gene in Arabidopsis
thaliana and is targeted to the chloroplasts
PY 1994

L30 ANSWER 32 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 10
TI The ***Arabidopsis*** ***ribonuclease*** controlled in response to phosphate limitation
PY 1994
gene RNS1 is tightly

L30 ANSWER 33 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 11
TI Structure and expression of Arabidopsis acetyl-coenzyme A carboxylase gene
PY 1994

L30 ANSWER 34 OF 39 CA COPYRIGHT 2004 ACS on STN

TI Determinants of mRNA stability in higher plants
PY 1994

L30 ANSWER 35 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 12
TI RNS2: A senescence-associated ***RNase*** of ***Arabidopsis***
that diverged from the S- ***RNases*** before speciation
PY 1993

L30 ANSWER 36 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI RNS2: A senescence-associated ***RNase*** of ***Arabidopsis***
that diverged from the S- ***RNases*** before speciation before
speciation.
PY 1993

L30 ANSWER 37 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 13
TI Identification and properties of the major ***ribonucleases*** of
Arabidopsis thaliana
PY 1991

L30 ANSWER 38 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 14
TI Genes with homology to fungal and S-gene ***RNases*** are expressed in
Arabidopsis thaliana
PY 1991

L30 ANSWER 39 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Biochemical aspects of a genetically determined variegation in Arabidopsis
PY 1967

=> d 130 ab 19 23 25 26 28 29 32 35 37 38

=> d 130 18 19 25 26 28 29 35 38

L30 ANSWER 18 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 6 
AN 132:191890 CA
TI Disruption of an RNA helicase/ ***RNase*** III gene in
Arabidopsis causes unregulated cell division in floral meristems
AU Jacobsen, Steven E.; Running, Mark P.; Meyerowitz, Elliot M.
CS Division of Biology 156-29, California Institute of Technology, Pasadena,
CA, 91125, USA
SO Development (Cambridge, United Kingdom) (1999), 126(23), 5231-5243
CODEN: DEVPED; ISSN: 0950-1991
PB Company of Biologists Ltd.
DT Journal
LA English
RE.CNT 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L30 ANSWER 19 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 7 
AN 130:234741 CA
TI Regulation of S-like ***ribonuclease*** levels in ***Arabidopsis***
. Antisense inhibition of RNS1 or RNS2 elevates anthocyanin accumulation
AU Bariola, Pauline A.; MacIntosh, Gustavo C.; Green, Pamela J.
CS Department of Energy Plant Research Laboratory and Department of
Biochemistry, Michigan State University, East Lansing, MI, 48824-1312, USA
SO Plant Physiology (1999), 119(1), 331-342
CODEN: PLPHAY; ISSN: 0032-0889
PB American Society of Plant Physiologists
DT Journal
LA English
RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L30 ANSWER 25 OF 39 CA COPYRIGHT 2004 ACS on STN
AN 127:106627 CA
TI The RNS family of S-like ***ribonucleases*** of ***Arabidopsis***
AU thaliana: structures, expression and functions (gene expression)
CS Bariola, Pauline Anne
SO Michigan State Univ., East Lansing, MI, USA
From: Diss. Abstr. Int., B 1997, 58(1), 179
DT Dissertation
LA English

L30 ANSWER 26 OF 39 CA COPYRIGHT 2004 ACS on STN
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TI Identification and characterization of ***ribonucleases*** in
AU ***Arabidopsis*** thaliana
CS Howard, Christie Jean
SO Michigan State Univ., East Lansing, MI, USA
From: Diss. Abstr. Int., B 1997, 58(1), 91
DT Dissertation
LA English

L30 ANSWER 28 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1995:500096 BIOSIS
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TI An investigation of the role of the anther tapetum during microspore
development using genetic cell ablation.
AU Roberts, Michael R.; Boyes, Elaine; Scott, Rod J. [Reprint author]
CS Dep. Bot., Univ. Leicester, University Rd., Leicester LE1 7RH, UK
SO Sexual Plant Reproduction, (1995) Vol. 8, No. 5, pp. 299-307.
ISSN: 0934-0882. *
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LA English
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L30 ANSWER 29 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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AU Howard, Christie J. [Reprint author]; Bariola, Pauline A.; Green, Pamela
J.
CS Dep. Energy-Plant Res. Lab., Mich. State Univ., East Lansing, MI
48824-1312, USA
SO Plant Physiology (Rockville), (1995) Vol. 108, No. 2 SUPPL., pp. 26.
Meeting Info.: Annual Meeting of the American Society of Plant
Physiologists. Charlotte, North Carolina, USA. July 29-August 2, 1995.
CODEN: PLPHAY. ISSN: 0032-0889.
OT Conference; (Meeting)
A Conference; Abstract; (Meeting Abstract)
ED English
Entered STN: 2 Aug 1995
Last Updated on STN: 2 Aug 1995

L30 ANSWER 35 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 12
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TI RNS2: A senescence-associated ***RNase*** of ***Arabidopsis***
AU that diverged from the S- ***RNases*** before speciation
Taylor, Crispin B.; Bariola, Pauline A.; DelCardayre, Stephen B.; Raines,
Ronald T.; Green, Pamela J.
S Dep. Biochem., Michigan State Univ., East Lansing, MI, 48824-1312, USA

SO Proceedings of the National Academy of Sciences of the United States of America (1993), 90(11), 5118-22
CODEN: PNASA6; ISSN: 0027-8424

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AN 115:152267 CA

TI Genes with homology to fungal and S-gene ***RNases*** are expressed in
Arabidopsis thaliana

AU Taylor, Crispin B.; Green, Pamela J.
CS Dep. Biochem., Michigan State Univ., East Lansing, MI, 48824-1312, USA
SO Plant Physiology (1991), 96(3), 980-4
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DT Journal
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